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O'Neill

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[54] **BONE HARVESTING METHOD AND APPARATUS**

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Related U.S. Application Data

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[51] **Int. Cl.**⁶ **A61B 5/00**

[52] **U.S. Cl.** **600/567; 606/179**

[58] **Field of Search** **600/566, 567; 606/179, 170; 604/164**

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[57] ABSTRACT

An apparatus and method for harvesting bone using a manual, cylindrical, multi-directional coring device with a guided delivery system that can be inserted through a percutaneous or closed approach to extract precisely measured amounts of bone or bone marrow. A series of guide wires, obturators, dilators and cannulas are used as the exposure and delivery instrumentation for a cutting tool. The cutting tool has a tip with six cutting edges for cutting in all directions.

15 Claims, 6 Drawing Sheets

